```
=> FILE HCAPLUS
FILE 'HCAPLUS' ENTERED AT 17:10:36 ON 18 JUN 2003
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FILE COVERS 1907 - 18 Jun 2003  VOL 138 ISS 25
FILE LAST UPDATED: 17 Jun 2003  (20030617/ED)
```

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> D QUE L22
L6       1645 SEA FILE=HCAPLUS ABB=ON   PAD#(L)(CMP OR POLISH? OR PLANARI?)
L7         12 SEA FILE=HCAPLUS ABB=ON   L6 AND SOAK?
L8          3 SEA FILE=HCAPLUS ABB=ON   (ZYTEL OR CANLON OR IC 100)(L)(CMP OR
                POLISH? OR PLANARI?)
L9          1 SEA FILE=HCAPLUS ABB=ON   L8 AND SOAK?
L10       131 SEA FILE=HCAPLUS ABB=ON   (L6 OR L8) AND (SEASON? OR CONDITIONI?
                OR EQUILIBR? OR ABSORB?)
L11        20 SEA FILE=HCAPLUS ABB=ON   L10 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L12         1 SEA FILE=REGISTRY ABB=ON   "ETHANOL, 2-AMINO-"/CN
L13         1 SEA FILE=REGISTRY ABB=ON   "ETHANOL, 1-AMINO-"/CN
L14         2 SEA FILE=REGISTRY ABB=ON   L12 OR L13
L15     21535 SEA FILE=HCAPLUS ABB=ON   L14
L16         3 SEA FILE=HCAPLUS ABB=ON   L15 AND (L6 OR L8)
L17        70 SEA FILE=HCAPLUS ABB=ON   (ETHANOL AMINE# OR ETHANOLAMINE# OR
                ?AMINE?) AND (L6 OR L8)
L18        34 SEA FILE=HCAPLUS ABB=ON   L17 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L19        63 SEA FILE=HCAPLUS ABB=ON   L7 OR L9 OR L11 OR L16 OR L18
L22        62 SEA FILE=HCAPLUS ABB=ON   L19 NOT CONCRETE
```

```
=> FILE WPIX
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FILE LAST UPDATED:        16 JUN 2003      <20030616/UP>
MOST RECENT DERWENT UPDATE:     200338      <200338/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> NEW WEEKLY SDI FREQUENCY AVAILABLE --> see NEWS  <<<

>>> SLART (Simultaneous Left and Right Truncation) is now
```

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available in the /ABEX field. An additional search field
/BIX is also provided which comprises both /BI and /ABEX <<<

>>> PATENT IMAGES AVAILABLE FOR PRINT AND DISPLAY <<<

>>> FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES,
    SEE http://www.derwent.com/dwpi/updates/dwpicov/index.html <<<

>>> FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
    PLEASE VISIT:
 http://www.stn-international.de/training_center/patents/stn_guide.pdf <<<

>>> FOR INFORMATION ON ALL DERWENT WORLD PATENTS INDEX USER
    GUIDES, PLEASE VISIT:
    http://www.derwent.com/userguides/dwpi_guide.html <<<

```
=> D QUE L22
L6         1645 SEA FILE=HCAPLUS ABB=ON  PAD#(L)(CMP OR POLISH? OR PLANARI?)
L7           12 SEA FILE=HCAPLUS ABB=ON  L6 AND SOAK?
L8            3 SEA FILE=HCAPLUS ABB=ON  (ZYTEL OR CANLON OR IC 100)(L)(CMP OR
                                         POLISH? OR PLANARI?)
L9            1 SEA FILE=HCAPLUS ABB=ON  L8 AND SOAK?
L10         131 SEA FILE=HCAPLUS ABB=ON  (L6 OR L8) AND (SEASON? OR CONDITIONI?
                                         OR EQUILIBR? OR ABSORB?)
L11          20 SEA FILE=HCAPLUS ABB=ON  L10 AND (AQ OR AQUEOUS? OR H2O OR
                                         WATER?)
L12           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 2-AMINO-"/CN
L13           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 1-AMINO-"/CN
L14           2 SEA FILE=REGISTRY ABB=ON  L12 OR L13
L15       21535 SEA FILE=HCAPLUS ABB=ON  L14
L16           3 SEA FILE=HCAPLUS ABB=ON  L15 AND (L6 OR L8)
L17          70 SEA FILE=HCAPLUS ABB=ON  (ETHANOL AMINE# OR ETHANOLAMINE# OR
                                         ?AMINE?) AND (L6 OR L8)
L18          34 SEA FILE=HCAPLUS ABB=ON  L17 AND (AQ OR AQUEOUS? OR H2O OR
                                         WATER?)
L19          63 SEA FILE=HCAPLUS ABB=ON  L7 OR L9 OR L11 OR L16 OR L18
L22          62 SEA FILE=HCAPLUS ABB=ON  L19 NOT CONCRETE
```

```
=> FILE INSPEC
FILE 'INSPEC' ENTERED AT 17:10:59 ON 18 JUN 2003
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FILE COVERS 1969 TO DATE.
```

<<< SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
    THE BASIC INDEX >>>

```
=> D QUE L33
L6         1645 SEA FILE=HCAPLUS ABB=ON  PAD#(L)(CMP OR POLISH? OR PLANARI?)
L7           12 SEA FILE=HCAPLUS ABB=ON  L6 AND SOAK?
L8            3 SEA FILE=HCAPLUS ABB=ON  (ZYTEL OR CANLON OR IC 100)(L)(CMP OR
                                         POLISH? OR PLANARI?)
L9            1 SEA FILE=HCAPLUS ABB=ON  L8 AND SOAK?
L10         131 SEA FILE=HCAPLUS ABB=ON  (L6 OR L8) AND (SEASON? OR CONDITIONI?
                                         OR EQUILIBR? OR ABSORB?)
```

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```
L11          20 SEA FILE=HCAPLUS ABB=ON  L10 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L12           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 2-AMINO-"/CN
L13           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 1-AMINO-"/CN
L14           2 SEA FILE=REGISTRY ABB=ON  L12 OR L13
L15       21535 SEA FILE=HCAPLUS ABB=ON  L14
L16           3 SEA FILE=HCAPLUS ABB=ON  L15 AND (L6 OR L8)
L17          70 SEA FILE=HCAPLUS ABB=ON  (ETHANOL AMINE# OR ETHANOLAMINE# OR
                ?AMINE?) AND (L6 OR L8)
L18          34 SEA FILE=HCAPLUS ABB=ON  L17 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L33          10 SEA FILE=INSPEC ABB=ON  L7 OR L9 OR L11 OR L16 OR L18
```

```
=> FILE COMPENDEX
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FILE COVERS 1970 TO DATE.

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    THE BASIC INDEX >>>

=> D QUE L34
L6         1645 SEA FILE=HCAPLUS ABB=ON  PAD#(L)(CMP OR POLISH? OR PLANARI?)
L7           12 SEA FILE=HCAPLUS ABB=ON  L6 AND SOAK?
L8            3 SEA FILE=HCAPLUS ABB=ON  (ZYTEL OR CANLON OR IC 100)(L)(CMP OR
                POLISH? OR PLANARI?)
L9            1 SEA FILE=HCAPLUS ABB=ON  L8 AND SOAK?
L10         131 SEA FILE=HCAPLUS ABB=ON  (L6 OR L8) AND (SEASON? OR CONDITIONI?
                OR EQUILIBR? OR ABSORB?)
L11          20 SEA FILE=HCAPLUS ABB=ON  L10 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L12           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 2-AMINO-"/CN
L13           1 SEA FILE=REGISTRY ABB=ON  "ETHANOL, 1-AMINO-"/CN
L14           2 SEA FILE=REGISTRY ABB=ON  L12 OR L13
L15       21535 SEA FILE=HCAPLUS ABB=ON  L14
L16           3 SEA FILE=HCAPLUS ABB=ON  L15 AND (L6 OR L8)
L17          70 SEA FILE=HCAPLUS ABB=ON  (ETHANOL AMINE# OR ETHANOLAMINE# OR
                ?AMINE?) AND (L6 OR L8)
L18          34 SEA FILE=HCAPLUS ABB=ON  L17 AND (AQ OR AQUEOUS? OR H2O OR
                WATER?)
L34          10 SEA FILE=COMPENDEX ABB=ON  L7 OR L9 OR L11 OR L16 OR L18
```

```
=> DUP REM L22 L32 L33 L34
FILE 'HCAPLUS' ENTERED AT 17:11:27 ON 18 JUN 2003
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FILE 'INSPEC' ENTERED AT 17:11:27 ON 18 JUN 2003
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PROCESSING COMPLETED FOR L22
PROCESSING COMPLETED FOR L32
PROCESSING COMPLETED FOR L33
PROCESSING COMPLETED FOR L34
L35          84 DUP REM L22 L32 L33 L34 (22 DUPLICATES REMOVED)

=> D L35 ALL 1-84

L35   ANSWER 1 OF 84   HCAPLUS   COPYRIGHT 2003 ACS
AN    2003:376340   HCAPLUS
DN    138:347625
TI    Design of a dressing apparatus for **conditioning** a
      chemical-mechanical **polishing pad**
IN    Chu, Ronfu; Tsao, Li-wu
PA    Taiwan
SO    U.S. Pat. Appl. Publ., 5 pp.
      CODEN: USXXCO
DT    Patent
LA    English
IC    ICM  H01L021-302
      ICS  H01L021-461
NCL   438692000
CC    76-14 (Electric Phenomena)
FAN.CNT 1

|      | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|------------|------|------|-----------------|------|
| PI   | US 2003092270 | A1 | 20030515 | US 2002-153348 | 20020521 |
| PRAI | TW 2001-90128314 | A | 20011115 | | |

AB    The invention relates to the design of a dressing app. for
      **conditioning** a chem.-mech. **polishing (CMP)**
      **pad.**  The dresser includes (i) a substrate; (ii) a first
      conductive layer and a second conductive layer resp. disposed and isolated
      in the substrate; (iii) a plurality of diamonds mounted in the first
      conductive layer and the second conductive layer; and (iv) a bonding layer
      disposed on the substrate for attaching the diamonds.  The first
      conductive layer and the second conductive layer detect the conductive
      materials penetrating the original position of the diamonds when any of
      the diamonds dislodges, so as to det. the diamonds dislodgement.
ST    dressing app **conditioning** chem mech **polishing**
      **pad**
IT    **Polishing**
          (app.; design of a dressing app. for **conditioning** a
          chem.-mech. **polishing pad**)
IT    Alloys, uses
      Metals, uses
      RL: TEM (Technical or engineered material use); USES (Uses)
          (conductive film; design of a dressing app. for **conditioning**
          a chem.-mech. **polishing pad**)
IT    Electric circuits
      Short circuits
          (diamond dislodging detected by; design of a dressing app. for